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that is, from 24 to 40, — and of over 50 per cent as compared] with the total population, both sexes, at the same ages; this latter great disparity being no doubt largely due to the casualties among women during the child-bearing period. As the wear and tear of practice begins to tell, this advantage is soon lost; so that during the period from 30 to 70 the death-rate of physicians is 8 per cent greater than that of all males, and during the period from 40 to 70 it is more than 11 per cent greater than that of both sexes.

An examination of the causes of death reveals the result of the exposure, irregular hours, broken rest, and mental anxiety which are the lot of the average practitioner.

In the grouped causes of death it is seen that consumption, diseases of the respiratory organs (including 91 from pneumonia), and Bright's disease caused 268 deaths, or more than one-fourth of the total. If to these be added a share of the deaths from diseases of the heart, — the *sequelæ* of rheumatism, — a fair estimate may be made of the effect of exposure to the vicissitudes of weather upon the wear and tear of medical life. As a result of mental strain and anxiety, of insufficient, irregular, and interrupted sleep, and similar causes, is the total of deaths from diseases of the brain and nervous system, embracing 43 from various forms of paralysis. In the group of zymotic diseases (enteric fever given separately) there were 5 deaths from diphtheria, 1 each from small-pox and yellow-fever, and 8 from traumatic infection (septicæmia, etc.), all contracted from attendance upon patients.

Less creditable to the *morale* of the profession are the 18 deaths from over-doses of opiates and narcotics, the 7 admitted suicides, and the deaths from alcoholism, direct and indirect, — 12 of the former, and at least 8 of the latter. There is this to be said, however, in this connection: that the proportion of mortality from these causes is steadily diminishing; and my observation shows that this diminution is largely the result of an amelioration of the conditions, especially of country practice, due to better roads and methods of locomotion, increased comfort in living, and less physical strain upon the practitioner. Ten years ago the resort to stimulants upon exposure to the weather, and under the harsher conditions of practice which then obtained, was much more common than it is to-day. And this is also true of the use of opiates and hypnotics. The practitioner, familiar with their power to temporarily stimulate to further endurance, or to produce sleep when nervous and exhausted, had formerly greater temptation to resort to the use of these agents, always ready to hand.

While there is a total of 12 deaths reported during the ten years as due to alcoholism direct, there has been only one in the last four years; and of the 18 deaths from over-doses of opiates and hypnotics in the entire period there has been only one in the last three years. In addition to the amelioration in the conditions of practice as a cause of this result, it is only fair to take into consideration also the improved moral status of the profession in this State.

Although the figures and deductions here submitted are believed to be substantially accurate, — being, if any thing, understatements, — they are offered only as a provisional contribution to the study of the subject, which is by no means exhausted. The numbers under observation, and the period covered, are greater than any thing heretofore utilized for this purpose in this country, so far as I am aware, and have cost much labor, which may be materially lightened in the future by very little effort on the part of physicians in making returns of death certificates, and by county clerks in forwarding them to the office of the board. It is hoped that the interest which this presentation of the subject may reasonably be expected to arouse will lead to this result.

CARPET-BEATING IN PARIS. — The Conseil de Salubrité of Paris has prescribed the following conditions under which the beating of carpets will be permitted in the city. The carpets must be brushed and beaten in entirely shut-up rooms, and the dust deposited on the floor will be washed with water containing some disinfectant of potent action. Strips of wool, etc., must be burnt immediately. This action has been taken because of the nuisance caused by the beating of carpets in the open air in the built-up portions of the city, and because of the danger which is believed to exist, due to the fact that many of the carpets come from houses in which contagious diseases have prevailed, and that in the process of beating and shaking the germs are dislodged.

BOOK-REVIEWS.

Discovery of the Origin of the Name of America. By THOMAS DE ST. BRIS. New York, Amer. News Co. 8°. 50 cents.

IT seems almost as if the sober historian owed his thanks to a class of half-learned wanderers on the outskirts of historical studies, for keeping up with the unthinking a certain factitious interest in early American history, and so to produce readers, who in the end learn to distinguish the limits of historical evidence. One of these happy enthusiasts fabricates as a designation for the precipices of the Hudson the words *L'anormée berge*, and of course finds Norumbega along the Palisades. Another finds a rock in a river, — it is so unusual to find rocks in rivers, — and places Leif's-booths in Old Cambridge, Mass. Another finds 'Amerrique,' or something else, attached to a mountain, or presumably attached, and thinks Vespucci is a humbug. Another finds a Peruvian tribe called by something that sounds like 'America,' and says that the New World was named in that way, it being no matter that the name 'America' was in use for the new continent years before Peru was discovered.

The latest of these whimsical revellers finds, that, after all, Columbus received his reward in having the name of his continental 'find' evolved from 'Amaraca,' — the spot, as he says, where the great navigator first struck the mainland. This last writer has printed a thick pamphlet called 'Discovery of the Origin of the Name of America, — the Most Illustrious Aboriginal National Name of the Continent, by Thomas de St. Bris,' — and undertakes gravely the more difficult task of convincing others, after he has accomplished the far easier one of convincing himself.

The new interest in the study of American history must be accepted, we suppose, with all its train of erratic followers. New interests are always handicapped with such impediments. It is useless to follow Mr. St. Bris in all his gyrations. When he refers to the authority of Wald-see-Müller, and his story of the application of the name of 'America' as history accepts it, there is something delicious in his saying "that ideas of that age were often printed without the slightest reason." We wonder if Mr. St. Bris ever heard that the Spanish Government never recognized during the age of discovery any name for the New World but the 'Indies,' when he tells us that "Charles V., one of the most famous monarchs of the world, gave his western hemisphere one of the most illustrious names of antiquity!" Mr. St. Bris has got yet to learn the alphabet of historical research.

Report of the Dairy Commissioner of the State of New Jersey, 1887. Trenton, State. 8°.

WE have had occasion in the past to congratulate the people of New Jersey on the fact, which we think is generally conceded among sanitarians, that the reports published by the board of health of that State occupy the very first rank in the reports of State boards of health; and that the work done by that board in improving the sanitary condition of the State, not alone through the instrumentality of beneficent laws, but also largely through the educational influences set at work by the State board, is of the highest order, and cannot but be of immense value to the State, both in improving the health of its people and the value of its property. To Dr. E. M. Hunt, the secretary of the board, more than to any other one man, is this due. Equally worthy of commendation is the work of Dr. William K. Newton, the dairy commissioner of the State. The report of this officer, which is before us, is the second which has been published. It deals with the subject of oleomargarine, the sale of which is prohibited in the State, unless the seller informs the purchaser what the article is, and presents him a printed notice bearing the name of the article, with milk, and with foods and drugs. Penalties for the violation of the law to the amount of \$3,100 have been received during the past year. In the prosecution of those who furnish impure or adulterated milk, \$3,900 have been collected in fines. The report contains a number of interesting special reports, among which are the following: 'Testing for Color in Oleomargarine;' 'Lard, its Adulteration and Detection;' 'Condensed Milk;' 'The Composition and Methods of Analysis of Condensed Milk,' by Prof. H. B. Cornwall; 'Honey and its Adulteration;' 'Analysis of Adulterated Honey,' by Shippen Wallace; 'Vinegar

and its Adulteration;' 'Canned Foods;' 'Candies;' 'Poisoning from Smoked Sturgeon;' 'Baking-Powder;' 'Bread;' 'The Food at the State Camp;' 'Foods for Invalids and Infants,' by Prof. A. R. Leeds;' 'Estimation of Morphine in Opium,' by Prof. H. B. Cornwall; and 'Notes on Drugs sold in New Jersey,' etc., by August Drescher.

American Fishes. By G. BROWN GOODE. New York, Standard Book Co. 8°.

THIS is a book which every devotee of the rod will be glad to possess. Mr. Goode modestly says in the preface that he yielded to his publisher's request for a 'book about fish and fishing in America,' feeling that he knew more on this subject than on any other. Since 1874 Mr. Goode has been more or less closely connected with the United States Fish Commission, has been abroad as the representative of the United States to the foreign fishery exhibitions, and has in several books and innumerable articles published the results of his observations and investigations. For a time Mr. Goode acted as fish commissioner after the death of Professor Baird, resigning the position only that he might devote all his energies to the National Museum.

In the present volume no attempt is made to cover all of the 1,750 species known to exist on this continent: the object has been rather to give information about every North American fish likely to be of interest to the general reader either on account of its food-value or its gameness. All of this information is couched in such language as to be perfectly intelligible to those not conversant with the mysteries of scientific terminology; and, as the author states, the book is intended for "the angler, the lover of nature, and the general reader." A figure is given of nearly every species, and these figures are most admirable, resembling frequently the carefully prepared drawings of the Fish Commission.

Mr. Goode gives vent to one lamentation in which he will meet the sympathy of those who have had the products of their pens published as public documents. It is probable that most of those who have ever had the curiosity sufficient to induce them to take down from the shelves of some country library one from the rows of mourning-clad volumes of government reports have never gone further than the 'honor to transmit.' One of the chief objects of the author in writing this book was to see some of the results of his twenty years' study printed in substantial and dignified shape. We had never thought of our black-clad friends as lacking in dignity, and they are certainly substantial enough for such use as they get; still the public is to be congratulated on having so well made a book on a subject so ably and successfully handled. It is a book on fish and their habits, and there is no attempt to tell of rods and flies.

NOTES AND NEWS.

THE June number of *The Century* opens with the second of Mr. Kennan's illustrated articles, this one being on 'Plains and Prisons of Western Siberia.' The Lincoln history in this number contains chapters on 'The Advance,' 'Bull Run,' 'Frémont,' and 'Military Emancipation.' The last of the present series of illustrated Western articles by Mr. Roosevelt is entitled 'The Ranchman's Rifle on Crag and Prairie.' Another illustrated article is written by Mr. Theodore De Vinne, printer of *The Century*, and is entitled 'A Printer's Paradise: The Plantin-Moretus Museum at Antwerp.' Mr. Burroughs's appreciative article on 'Matthew Arnold's Criticism,' it seems, had been sent to the printer for the June *Century* before Mr. Arnold's death. In the same number Mrs. van Rensselaer points out some of the errors into which Mr. Arnold fell in discussing American art. Professor Atwater's food-article this month discusses the question 'What We Should Eat.' The fiction of the number includes some chapters of Dr. Eggleson's novel, 'The Graysons.' The concluding portion of Henry James's 'The Liar' is given; with two short stories, 'Selina's Singular Marriage,' by Grace Denio Litchfield, and a love-story, 'By Telephone,' by Brander Matthews. A biographical paper is devoted by Mrs. Herrick to Col. Richard Malcolm Johnston, the Southern story-writer. A portrait of Colonel Johnston accompanies the article. In this number there is another article by Mr. Cheney on

bird-songs; there is also a group of poems. — The June *St. Nicholas* has as a leading article, 'A Great Show,' by Prof. Alfred Church, describing the Circus Maximus at Rome. Thomas Nelson Page continues the serial, 'Two Little Confederates,' and Celia Thaxter contributes a children's story, 'Cat's-Cradle.' 'Caterina and her Fate,' by E. Cavazza, is an old Sicilian legend put into verse, and illustrated by R. B. Birch. Among the lighter features are contributions by Amélie Rives, Emilie Poulsson, Margaret Johnson, Estelle Thomson, Julia P. Ballard, Alfred Brennan, and C. W. Miller. — Despite the fire, the June issue of *The American Magazine* is a good number. Among the notable features is a paper on 'Our Defences from an Army Standpoint,' by Gen. O. O. Howard; 'The Art of Entertaining,' by Mrs. Gen. John A. Logan; 'Dickens on the American Stage,' by George Edgar Montgomery; and 'Barbados: The Elbow Island,' by Dr. William F. Hutchinson. — In spite of reports to the contrary, *The Cosmopolitan* magazine will continue to be published. The June number, shortly to be issued, promises to be the best it has ever sent forth. The leading article, upon 'The Romance of Roses,' is an account, by Sophie B. Herrick, of the stories clustering about these universal favorites. It is illustrated by many engravings and by four colored pages.

— Under the head of 'Philosophical Papers, of the University of Michigan,' Andrews & Company, Ann Arbor, are now publishing a second series. These papers were prepared by specialists in the university, under the direction of the philosophical department, and, with but one exception, were read before the Philosophical Society, being selected and edited by Prof. George S. Morris. The series consists of four papers, — 'The Ethics of Democracy,' by Prof. John Dewey; 'Speculative Consequences of Evolution,' by Prof. Alexander Winchell; 'Lessing on the Boundaries of Poetry and Painting,' by Prof. E. L. Walter; 'The Ethics of Bishop Butler and Immanuel Kant' (a thesis for the degree of Ph.D.), by Webster Cook. — Cassell's 'Pocket Guide to Europe,' the 1888 edition of which is just out, was planned by E. C. Stedman, to meet the demand for a general European guide-book, small enough to be carried easily in a gentleman's or lady's pocket, and yet more complete than any other single-volume guide. It was compiled by Edward King of Paris, who personally went over most of the routes described. It was revised by M. F. Sweetser of Boston, and is re-edited and kept up to date by Mr. Stedman, with the aid of experts in the London office of Messrs. Cassell & Company.

— Senator Edmunds has proposed an amendment to the diplomatic and consular appropriation bill, authorizing the government to expend twenty-five thousand dollars for salaries and expenses of a scientific commission of three persons — to be composed of one officer of the army or navy, a geologist and mineralogist, and a naturalist — to visit and report upon the resources of the upper Kongo basin, its products, its minerals, its vegetable wealth, the openings for American trade, and such other information as shall be thought of interest to the United States. Another amendment, which he has proposed to the same bill provides an appropriation of ten thousand dollars for salary and expenses of an agent and consul-general at Borna, in Kongo. The President is authorized to detail an army or navy officer for this service.

— The House committee has reported favorably the international copyright bill, that has already been passed by the Senate, instead of the one introduced by one of its own members. This shows a determination to enact this measure into a law during the present session, and a willingness to facilitate its passage.

— The House committee has given a good deal of attention to the proposed survey for the purpose of ascertaining whether the arid lands of the United States are susceptible of being reclaimed, or not. Popular interest in this matter is aroused all over the West. No more important subject has been brought to the attention of Congress during the present session.

— The delay of Congress in passing the annual appropriation bills prevents the Bureau of Ethnology from making its plans for the field-work of the present season. This bureau is not established by law, but is kept alive from year to year by special appropriations for its work. While there is no doubt that it will be pro-